

10/067,656
Cg

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLN. OF: BERNAT et al.
PATENT NO: 6,773,285 B2
ISSUED: August 10, 2004
FOR: A Plug Connector, Consisting of a Plug-In Jack...
GROUP: 2833
EXAMINER: Gushi, Ross
DOCKET: PRINZ H1740

Certificate
SEP 07 2004
of Correction

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION FOR CERTIFICATE OF CORRECTION

Dear Sirs:

Bernat et al., the Patentees of the above-identified patent, through their attorney, hereby petition for issuance of a Certificate of Correction in the above identified patent. A Certificate of Correction (PTO form 1050) is enclosed, in duplicate. The Certificate of Correction is required to correct a significant printing error occurring in Claim 1, as follows:

Claim 1, Col. 6, line 60, "ahead" should be --a head--.


Since the error was a Patent Office error, it is believed that the Certificate of Correction should be issued without charge to the Applicant. A correct copy of Claim 1 appears in Amendment D (copy attached).

HAYES SOLOWAY P.C.
130 W. CUSHING STREET
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567


SEP 07 2004

Respectfully submitted,


Norman P. Soloway
Attorney for Applicants
Reg. No. 24,315

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 25, 2004 at Tucson, Arizona

By: 

HAYES SOLOWAY P.C.
130 W. CUSHING STREET
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,773,285 *B2*

DATED : August 10, 2004

INVENTOR(S) : BERNAT et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Claim 1, Col. 6, line 60, "ahead" should be --a head--.

MAILING ADDRESS OF SENDER:

Norman P. Soloway
Registration No. 24,315
HAYES SOLOWAY P.C.
130 W. Cushing Street
Tucson, AZ 85701

PATENT NO. 6,773,285 *B2*

SEP 07 2004

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,773,285

DATED : August 10, 2004

INVENTOR(S) : BERNAT et al.

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Claim 1, Col. 6, line 60, "ahead" should be --a head--.

MAILING ADDRESS OF SENDER:

Norman P. Soloway
Registration No. 24,315
HAYES SOLOWAY P.C.
130 W. Cushing Street
Tucson, AZ 85701

PATENT NO. 6,773,285

SEP 07 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. Of: BERNAT et al.

Serial No.: 10/067,656

Filed: February 4, 2002

For: A PLUG CONNECTOR, CONSISTING OF A PLUG-IN JACK ...

Group: 2833

Examiner: ROSS N. GUSHI

DOCKET: PRINZ H1740

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT D UNDER RULE 116

Dear Sir:

This Amendment is being filed in response to the Final Action mailed February 18, 2004.

Please amend the Application as follows:

Amendments to the Claims begin on page 2 of this Amendment.

Remarks/Arguments begin on page 7 of this Amendment.

HAYES SOLOWAY P.C.

130 W. CUSHING ST.
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

AMENDMENTS TO THE CLAIMS:

Please cancel claims 39-49, 51 and 52, without prejudice and amend claims 50 and 53, as shown below.

This listing of claims will replace all prior versions and listings of claims in the Application:

Claims 1-19 (previously cancelled)

Claim 20 (previously presented): A plug-in jack comprising an insulating jack housing in which at least one jack contact is accommodated, said jack contact consisting of a retaining part and a jack, said jack being mounted on said retaining part so as to be pivotable by a limited angle and capable of longitudinal movement, wherein said retaining part comprises a head portion, an adjoining annular groove and a collar adjoining said annular groove and wherein said jack comprises spring shackles engaging with said annular groove, and wherein said collar of said retaining part is adjoined by an anchor groove followed by an anchor portion accommodated in said jack housing, an annular spring being accommodated in said anchor groove, its edge facing said collar being beveled and a diameter of said collar and said head of said retaining part being less than a diameter of said anchor portion.

Claim 21 (previously presented): The plug-in jack according to claim 20, wherein said spring shackles have free ends and are provided with one hook on each of said free ends.

Claim 22 (previously presented): The plug-in jack according to claim 21, wherein said jack is barrel-shaped and is provided with several contact shackles at an end opposite said hook.

Claim 23 (previously presented): The plug-in jack according to claim 20, wherein said jack comprises at least one hook engaging into said retaining part.

HAYES SOLOWAY P.C.
130 W. CUSHING ST.
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

Claim 24 (previously presented): The plug-in jack according to claim 23, wherein a plug-in portion of said retaining part comprises a rectangular cross-section and wherein said jack is provided with two spring shackles which face each other in parallel and rest on two lateral faces of said retaining part facing away from each other.

Claim 25 (previously presented): The plug-in jack according to claim 24, wherein said hook is formed by a sheet metal shackle bent away from said spring shackle.

Claim 26 (previously presented): The plug-in jack according to claim 24, wherein said jack is provided with two contact shackles facing each other in parallel.

Claim 27 (previously presented): The plug-in jack according to claim 26, wherein said spring shackles face each other along a first direction being at right angles with respect to a second direction in which said contact shackles face each other.

Claim 28 (previously presented): The plug-in jack according to claim 27, wherein there are provided four spring shackles which face each other in pairs, as well as four contact shackles which also face each other in pairs.

Claim 29 (previously presented): The plug-in jack according to claim 28, wherein said jack is a bent sheet metal part having a closed center portion.

Claim 30 (previously presented): The plug-in jack according to claim 29, wherein said center portion is provided on each side with one connecting shackle each, which shackle is attached to said other side of said center portion.

Claim 31 (previously presented): The plug-in jack according to claim 28, wherein said jack is a bent sheet metal part having a rectangular center plate, the latter being provided with edges from which said spring shackles and said contact shackles start out.

Claim 32 (previously presented): The plug-in jack according to claim 20, wherein said retaining part is provided with an SMT (Surface Mount Technology) connection.

Claim 33 (previously presented): A plug part having an insulating plug housing in which there is accommodated at least one plug contact provided for engaging the jack contact of the plug-in jack according to claim 20.

Claim 34 (previously presented): The plug part according to claim 33, wherein said plug contact comprises a plug-in portion, an anchor portion and an SMT (Surface Mount Technology) connection.

Claim 35 (previously presented): The plug part according to claim 34, wherein said plug-in portion is pin-shaped with a round cross-section and wherein said plug-in portion is adjoined by a collar which is followed by an anchor groove which is, in turn, adjoined by said anchor portion, an annular spring being accommodated in said anchor groove, its edge facing said collar being beveled and a diameter of said plug-in portion and said collar being less than a diameter of said anchor portion.

Claim 36 (previously presented): The plug part according to claim 34, wherein said plug-in portion comprises a rectangular cross-section.

Claim 37 (previously presented): A plug part having an insulating plug housing in which there is accommodated at least one plug contact provided for engaging a jack contact of a plug-in jack comprising an insulating jack housing in which at least one jack is accommodated, said jack contact consisting of a retaining part and a jack, said jack being mounted on said retaining part so as to be pivotable by a limited angle and capable of longitudinal movement, wherein said plug contact comprises a plug-in portion, an anchor portion and an SMT (Surface

Mount Technology) connection, and wherein said plug-in portion is pin-shaped with a round cross-section and wherein said plug-in portion is adjoined by a collar which is followed by an anchor groove which is, in turn, adjoined by said anchor portion, an annular spring being accommodated in said anchor groove, its edge facing said collar being beveled and a diameter of said plug-in portion and said collar being less than a diameter of said anchor portion.

Claim 38 (previously presented): The plug part according to claim 37, wherein said plug-in portion comprises a rectangular cross-section.

Claims 39 - 49 (cancelled)

Claim 50 (currently amended): A plug part having an insulating plug housing in which there is accommodated at least one plug contact provided for engaging ~~[[the]]~~ a jack contact of ~~[[the]]~~ a plug-in jack ~~according to claim 39, comprising an insulating jack housing in which at least one jack contact is accommodated, said jack contact consisting of a retaining part and a jack, said jack being mounted on said retaining part so as to be pivotable by a limited angle and capable of longitudinal movement, wherein said retaining part comprises a head portion, an adjoining annular groove and a collar adjoining said annular groove and wherein said jack comprises spring shackles engaging with said annular groove, and wherein said spring shackles have free ends and are provided with one hook on each of said free ends and engaging with said annular groove, wherein said plug contact comprises a plug-in portion, an anchor portion and an~~ SMT (Surface Mount Technology) connection, and wherein said plug-in portion is pin-shaped with a round cross-section and wherein said plug-in portion is adjoined by a collar which is followed by an anchor groove which is, in turn, adjoined by said anchor portion, an annular spring being accommodated in said anchor groove, its edge facing said collar being beveled and

HAYES SOLOWAY P.C.
130 W. CUSHING ST.
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

a diameter of said plug-in portion and said collar being less than a diameter of said anchor
portion.

Claim 51 (cancelled)

Claim 52 (cancelled)

Claim 53 (currently amended): The plug part according to claim ~~[[51]]~~ ⁵², wherein
said plug-in portion comprises a rectangular cross-section.

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HAYES SOLOWAY P.C.
130 W. CUSHING ST.
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

REMARKS

Claim 50 has been re-written to positively recite the features of claim 39. Additionally, claim 50 has been amended to incorporate the limitations of claim 52 which was indicated to be allowable over the art. Claim 53 has been amended to depend from claim 52.

Claims 39-49, 51 and 52 have been cancelled.

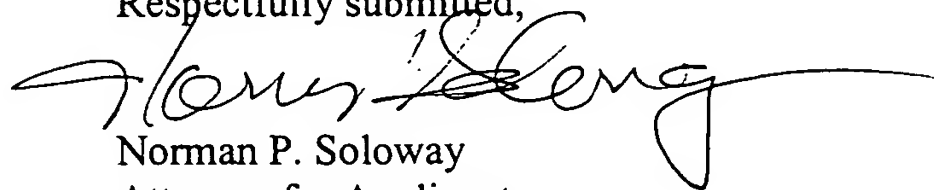
The allowance of claims 20-38 is noted, with thanks. However, in view of the foregoing amendments and comments, it is believed that all of the claims are now allowable over the art.

The foregoing amendment makes no claim changes that would require further search by the Examiner. Non-elected claims 41-48 and 53 have been cancelled, and the remaining claims have been amended, as required, to place them in order for allowance.

Having dealt with all the objections raised by the Examiner, the Application is believed to be in order for allowance.

In the event there are any fee deficiencies or additional fees are payable, please charge them (or credit any overpayment) to our Deposit Account Number 08-1391.

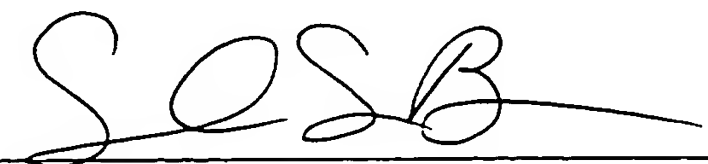
Respectfully submitted,



Norman P. Soloway
Attorney for Applicants
Reg. No. 24,315

CERTIFICATE OF TRANSMISSION VIA FACSIMILE

I hereby certify that this correspondence is being sent via facsimile to EXAMINER Ross N. Gushi of the United States Patent and Trademark Office at facsimile number (703) 872-9306, on April 22, 2004 from Tucson, Arizona.

By 

NPS:sb

HAYES SOLOWAY P.C.
130 W. CUSHING ST.
TUCSON, AZ 85701
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567